

**DECLARATION AND POWER OF ATTORNEY****SOLE/JOINT INVENTOR  
ORIGINAL/SUBSTITUTE/CIP**

As a below named inventor, I hereby declare that: my residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first, and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: "Bi-directional Thruster Pig Apparatus and Method of Utilizing Same" as described in the specification [X] attached or [ ] of patent Application Serial No. \_\_\_\_\_ filed \_\_\_\_\_ and amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; that I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application; that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months prior to this application; and that I acknowledge the duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations § 1.56(a). Such information is material when it is not cumulative to information already of record or being made of record in the application, and

(1) it establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or

(2) it refutes, or is inconsistent with, a position the applicant has taken or may take in:

(i) opposing an argument of unpatentability relied on by the Office, or

(ii) asserting an argument of patentability.

I hereby claim priority benefits under Title 35, United States Code § 119 of any foreign or U.S. provisional application(s) for patent or inventor's certificates listed below and have also identified below any foreign application(s) having a filing date before that of the application(s) on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING	PRIORITY CLAIMED UNDER 35 USC 119
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under Title 35 United States Code § 120 of any United States application(s) listed below and, insofar as any subject matter of any claim of this application is not disclosed in the prior United States Application, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations § 1.56(a) which occurred between the filing date of the prior application and the national PCT international filing date of this application:

Serial No. 10/068,782, filed 2/5/2002; 09/185,988, filed 11/4/1998, now U.S. Patent No. 6,343,657

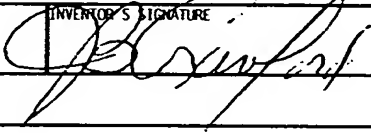
I hereby revoke any previous powers of attorney and appoint the following to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

GREGORY C. SMITH, Reg. No. 29,441  
CHARLES C. GARVEY, JR., Reg. No. 27,889  
SETH M. NEHRBASS, Reg. No. 31,281

STEPHEN R. DOODY, Reg. No. 29,062  
H. ROY BERKENSTOCK, REG. NO. 24,719  
BRETT A. NORTH, Reg. No. 42,040

Please direct all communications to: GARVEY, SMITH, NEHRBASS & DOODY, L.L.C., Three Lakeway Center, Suite 3290, 3838 North Causeway Boulevard, Metairie, LA 70002-1767, Tel.: (504) 835-2000; Fax: (504) 835-2070, to the attention of: GREGORY C. SMITH

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR James R. Crawford		INVENTOR'S SIGNATURE 	DATE 21 MAR 02
RESIDENCE Lafayette, LA 70508		CITIZENSHIP US	
POST OFFICE ADDRESS 108 Copperwood Crossing, Lafayette, LA 70508			
FULL NAME OF SECOND JOINT INVENTOR		INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF THIRD JOINT INVENTOR		INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY		INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant/Patentee:

James R. Crawford

Filed/Issued: Herewith

Serial No./Pat. No.:

For: Bi-directional Thruster Pig Apparatus and  
Method of Utilizing Same

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Group Art Unit:

Examiner:

Atty File: P02030US (71768/2P)

**POWER OF ATTORNEY BY ASSIGNEE**

Under the provisions of 37 C.F.R. § 1.32, the undersigned assignee of record of the entire interest in the above-identified patent/patent application by virtue of an assignment recorded (check as applicable):

☒ Concurrently Herewith  
☐ Date Recorded \_\_\_\_\_  
Reel \_\_\_\_\_ Frame \_\_\_\_\_

elects to conduct the prosecution of the application/maintenance of the patent to the exclusion of the inventor(s). The assignee hereby revokes any previous powers of attorney and appoints the following to prosecute this application/maintain this patent and transact all business in the Patent and Trademark Office connected therewith:

GREGORY C. SMITH  
CHARLES C. GARVEY, JR.  
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STEPHEN R. DOODY  
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Please direct all communications to: **GARVEY, SMITH, NEHRBASS & DOODY, L.L.C.**, 3838 N. Causeway Blvd., Suite 3290, Metairie, LA 70002, (504) 835-2000, to the attention of: **GREGORY C. SMITH.**

**ASSIGNEE**

Superior Services, LLC

Date: 3-27-02

By: T-H

NAME: Terence Hall  
TITLE: President